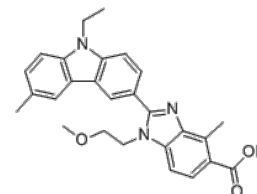


**Product Name** : BAY-1316957  
**Cat. No.** : PC-36057  
**CAS No.** : 1613264-40-6  
**Molecular Formula** : C<sub>27</sub>H<sub>27</sub>N<sub>3</sub>O<sub>3</sub>  
**Molecular Weight** : 441.531  
**Target** : Prostaglandin Receptor  
**Solubility** : DMSO: 100 mg/mL



## Biological Activity

BAY-1316957 (BAY 1316957) is a highly potent, selective, orally available human **prostaglandin E2 receptor subtype 4 (hEP4-R)** antagonist with IC<sub>50</sub> of 15.3 nM.

BAY-1316957 significantly reduced pain related paw withdrawal behavior in the rat upon mechanical stimulation of the dmPGE<sub>2</sub> treated hind paw.

## References

Bäurle S, et al. *J Med Chem.* 2019 Feb 1. doi: 10.1021/acs.jmedchem.8b01862.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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